

**Amendments to the Specification**

Please amend Paragraph [29] as follows:

If the MAC address of the host is registered in the management table, the MAC address of the host registered in the MAC management table is removed (S317). Meanwhile, if the MAC address of the host is not registered in the management table, the MAC address of the host is registered into the MAC table (S320).

Please amend Paragraph [36] as follows:

Meanwhile, if the destination MAC address of the packet is also not in the management ~~MAC~~ table, the packet is broadcast to the network (S369). In case that a failure occurs in the host, the destination MAC address must exist in the management table. Nevertheless, no existence of the destination MAC address in the management table means that an error occurs in the L2 switch. In that case, the packet is broadcast to the network. Of course, even when the destination MAC address of the packet is not in the management table, the L2 switch can be designed to discard the packet.